

JAN 21 1985

5HR

Mr. Robert Oblak
Vice-President, Operations
American Louver Company
7700 North Austin
Skokie, Illinois 60077

RE: Site Inspection for
American Louver Company
ILD048311054

Dear Mr. Oblak:

This letter is to advise you that the United States Environmental Protection Agency (U.S. EPA) intends to conduct a site inspection of the above referenced site during the week of January 28, 1985. Such an inspection will be conducted under the statutory authority of the Comprehensive Environmental Response, Compensation and Liability Act of 1980, (CERCLA), which is found at Section 104 of that statute, 42 U.S.C. 9604. That provision permits the U.S. EPA or its authorized representative to enter any establishment where "hazardous substances have been generated, stored, treated, or disposed of, or transported from." In addition, the CERCLA authority allows the U.S. EPA to collect samples of any hazardous substance or from any container during the inspection. In the event that your firm believes certain information collected during the inspection is entitled to confidential treatment by the U.S. EPA, you may assert a claim of confidentiality in accordance with 40 Code of Federal Regulations Part 2, Subpart B.

Ecology and Environment (E&E) is a U.S. EPA contractor which has been duly authorized by the Agency to conduct inspections under the authority of CERCLA on behalf of the U.S. EPA. A representative of E&E will be contacting you in the near future to set a specific time within the week specified above for doing the inspection and sampling. The site inspection will be performed to determine the impact or potential impact on the environment of any hazardous wastes which may exist in an uncontrolled manner at the site. A site inspection is subsequently reflected in a report (EPA Form 2070-13), a copy of which may be requested by contacting this office. The site inspection report provides a basis for determining if any further action is required at the site. Screening via a site inspection is part of the process for identifying those uncontrolled hazardous waste sites to be included on the National Priorities List, thereby making Superfund monies available for site cleanup.

In the meantime, if you have any questions regarding this matter, please contact Dr. Donald Josif, of my staff, at (312) 886-0393.

Very truly yours,

Richard E. Bartelt, Chief
Emergency and Remedial Response Branch

cc: Terry Ayers, IEPA
Rene Van Someren, E&E ✓

EPA Region 5 Records Ctr.



288939



ecology and environment, inc.

223 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60606, TEL. 312-663-9415

International Specialists in the Environmental Sciences

8303-01F
#293

American
Lower 3 mile Radius
population

1980 Census
Figures

3 mile radius

Morton Grove	100% of 23747	23747
Niles	80% of 30363	24290
Lincolnwood	100% of 11921 x 2	23842
Skokie	80% of 60278 x 2	96445
* Chicago		

5953
people/sq mi $\leftarrow \div 28.27$ 168324
people in 3mi
radius

* area covered by Chicago \approx area covered
by Skokie & Lincolnwood \rightarrow double that figure

3mi	168,324 people
2mi	74,808 people
1mi	18,702 people

This assumes uniform population
density.

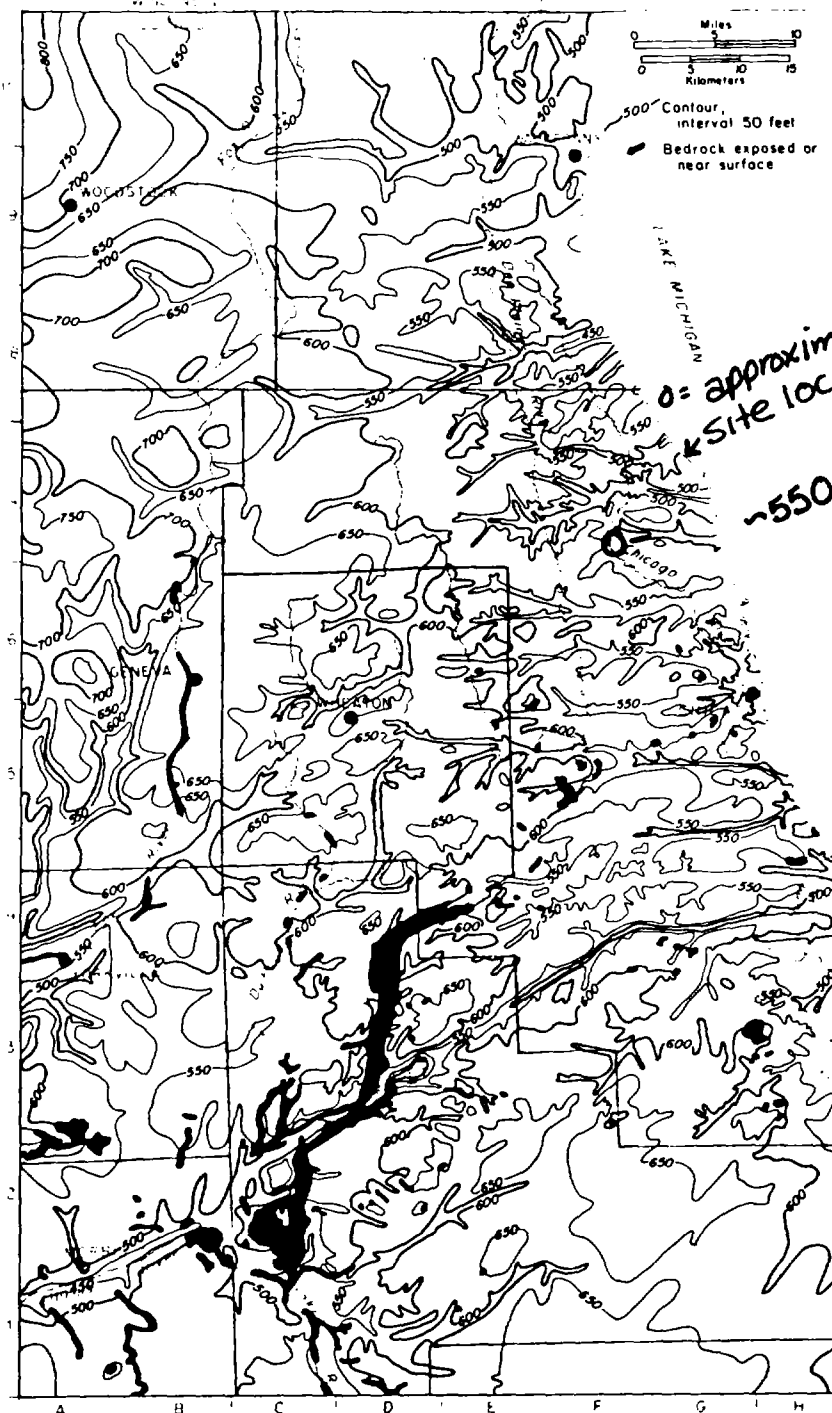


Fig. 14 - Topographic map of the bedrock surface (after Suter et al., 1959).

approximate depth to
bedrock @ American Lower
in Skokie

$$\text{site elev. } 625 - 550 = 75'$$

$$\frac{\sqrt{S_{gw}^2 + S_{gw}}}{1.773} = S_m =$$

Estimate

Ground Water Route Work Sheet					
Rating Factor	Assigned Value (Circle One)	Multi- plier	Score	Max. Score	Ref. (Section)
1 Observed Release	0 45	1		45	3.1
If observed release is given a score of 45, proceed to line 4 . If observed release is given a score of 0, proceed to line 2 .					
2 Route Characteristics					3.2
Depth to Aquifer of Concern	0 1 2 3	2		6	
Net Precipitation	0 1 2 3	1		3	
Permeability of the Unsaturated Zone	0 1 2 3	1		3	
Physical State	0 1 2 3	1		3	
Total Route Characteristics Score				15	
3 Containment	0 1 2 3	1		3	3.3
4 Waste Characteristics					3.4
Toxicity/Persistence	0 3 6 9 12 15 18	1		18	
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8	
Total Waste Characteristics Score				26	
5 Targets					3.5
Ground Water Use	0 1 2 3	3		9	
Distance to Nearest Well/Population Served	0 4 6 8 10 12 16 18 20 24 30 32 35 40	1		40	
Total Targets Score				49	
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5				57.330	
7 Divide line 6 by 57.330 and multiply by 100			$S_{gw} =$		

FIGURE 2
GROUND WATER ROUTE WORK SHEET

Surface Water Route Work Sheet												
Rating Factor	Assigned Value (Circle One)		Multi-plier	Score	Max. Score	Ref. (Section)						
1 Observed Release	0	45	1		45	4.1						
If observed release is given a value of 45, proceed to line 4 . If observed release is given a value of 0, proceed to line 2 .												
2 Route Characteristics						4.2						
Facility Slope and Intervening Terrain	0	1	2	3	1	3						
1-yr. 24-hr. Rainfall	0	1	2	3	1	3						
Distance to Nearest Surface Water	0	1	2	3	2	6						
Physical State	0	1	2	3	1	3						
Total Route Characteristics Score						15						
3 Containment	0	1	2	3	1	3						
4 Waste Characteristics						4.4						
Toxicity/Persistence	0	3	6	9	12	15	18	1	18			
Hazardous Waste Quantity	0	1	2	3	4	5	6	7	8	1	8	
Total Waste Characteristics Score												26
5 Targets											4.5	
Surface Water Use	0	1	2	3						3	9	
Distance to a Sensitive Environment	0	1	2	3						2	6	
Population Served/Distance to Water Intake Downstream	0	4	6	8	10						1	40
	12	16	18	20								
	24	30	32	35	40							
Total Targets Score												55
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5												64,350
7 Divide line 6 by 64,350 and multiply by 100											S _{sw} =	

FIGURE 7
SURFACE WATER ROUTE WORK SHEET